

US EPA ARCHIVE DOCUMENT

# ***Detroit Exposure and Aerosol Research Study***



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U.S. Environmental Protection Agency

RESEARCH &  
DEVELOPMENT

*Building a  
scientific  
foundation  
for sound  
environmental  
decisions*

## What do we want to know?

- Does a centrally located community air monitor measure



...the same levels  
as a residential  
air monitor?

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## Why are we studying the Air in Detroit?



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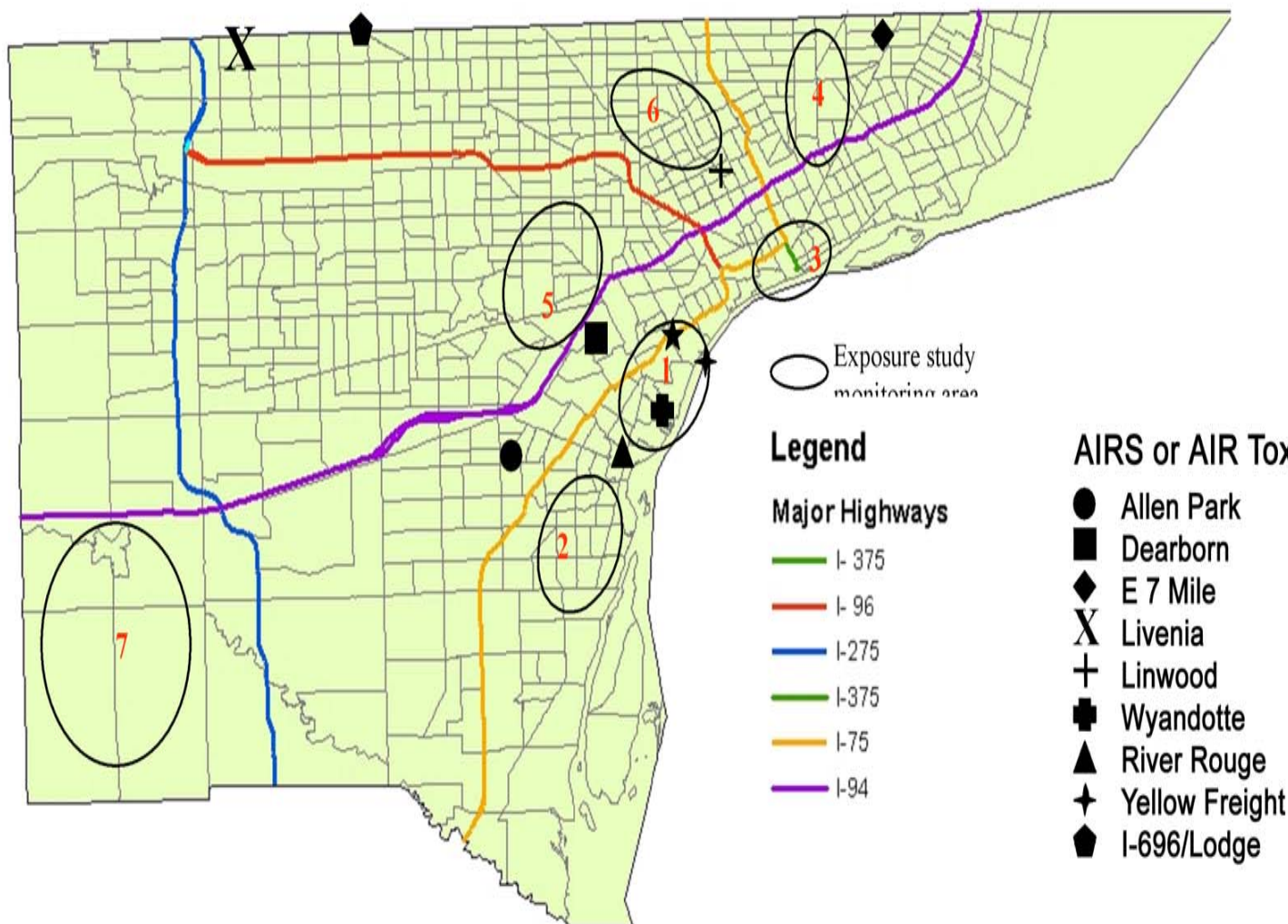
# Why are we studying the Air in Detroit?



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# Seven Monitoring Areas



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## *Participant Involvement*



- Personal air monitoring vest
- Time Activity Diary
- 5 days, 2 seasons

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# Indoor & Outdoor Monitors



- Receive \$300 for full participation



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# *Recruitment Video...*

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## ***We Want Your Feedback!***

- What do you think of our brochure and recruitment video? Any suggestions for improvement?
- What do you believe is the best way for us to introduce this study to your community?
- What do you believe would be the most effective participant recruiting strategy?
- What would make the study of more value to those who might be willing to participate?

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## ***Who is Working with Us***

- Michigan Department of Environmental Quality (MDEQ), Detroit, MI
- RTI International, RTP, NC U.S.
- EPA's Office of Transportation and Air Quality, Ann Arbor, MI
- U.S. EPA's National Health and Environmental Effects Laboratory, RTP, NC
- University of Michigan

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